

University of Groningen

The CD-ROM Database of the JGOFS expedition ANT X/6 aboard R.V. Polarstern

Rommets, J.W.; Stoll, M.H.C.; Koster, R.X. de; Bruin, T.F. de; Baar, H.J.W. de; Bathmann, U.V.; Smetacek, V.

Published in:

Deep Sea Research Part II: Topical Studies in Oceanography

DOI:

[10.1016/S0967-0645\(96\)00103-8](https://doi.org/10.1016/S0967-0645(96)00103-8)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

1997

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Rommets, J. W., Stoll, M. H. C., Koster, R. X. D., Bruin, T. F. D., Baar, H. J. W. D., Bathmann, U. V., & Smetacek, V. (1997). The CD-ROM Database of the JGOFS expedition ANT X/6 aboard R.V. Polarstern. *Deep Sea Research Part II: Topical Studies in Oceanography*, 44(1), 517-519.
[https://doi.org/10.1016/S0967-0645\(96\)00103-8](https://doi.org/10.1016/S0967-0645(96)00103-8)

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.



The CD-ROM Database of the JGOFS expedition ANT X/6 aboard R.V. *Polarstern*

J. W. ROMMETS,* M. H. C. STOLL,* R. X. DE KOSTER,* T. F. DE BRUIN,*
H. J. W. DE BAAR,* U. V. BATHMANN† and V. SMETACEK†

INTRODUCTION

The enclosed CD-ROM contains the actual database of measured variables as well as various background information on the expedition and the methods and other descriptions directly related to each reported variable. The CD-ROM was mastered in a format that can be read by both Macintosh and PC computers. It is organised in a hierarchical structure by folders containing both text files in MS-Word for Windows 2 format and datafiles in EXCEL 4.0 or ACCESS format. Software with such formats is not included but is available from Microsoft. In addition the text files have been converted to PostScript format and all data files have been converted to simple ASCII formats and placed on the CD-ROM as well.

Database Copyright © 1997 Netherlands Institute for Sea Research. Published by Elsevier Science Ltd.

BACKGROUND INFORMATION

Text files

Participating scientists (affiliations, phone, fax, internet).

Participating institutes (postal addresses).

JGOFS core activities (responsible scientists).

Other activities (with scientists).

Shipboard experiments (with scientists).

Descriptions of methods.

Structure CD-ROM/MS ACCESS relational database.

Tabulations

Listing of 123 stations (with geartype deployment).

Listing of 211 measured variables in rosette bottles (units, description).

DATABASE

CTD sensors downcasts records of 229 CTD casts.

Rosette bottles from 229 hydrocasts of 24 samplers each (station, cast, bottle number).

* Netherlands Institute for Sea Research, P.O. Box 59, 1790 AB Den Burg, The Netherlands.

† Alfred Wegener Institute for Polar and Marine Research, P.O. Box 120161, 27570 Bremerhaven, Germany.

Natural radioisotopes from Gerard barrel casts.
Trace metals and nutrient data from Kevlar wire Go Flo sampling.
Metal-biota interaction experiments.
Incubations primary productivity and ^{15}N ammonia uptake.
Net sampling results: mesozoo-, phytoplankton and mesozooplankton grazing.
 CO_2 system, meteorology, chlorophyll: underway in surface waters.
Ice cover observations.
Wind velocities.
Benthic observations.
Ice biology.

ELECTRONIC MAIL ACCESS

Further updates of the ANT X/6 database will become accessible by electronic mail through ftp-server at AWI: <ftp://ftp.awi-bremerhaven.de/pub>

ENQUIRIES

Queries about certain parts of the data can be addressed directly to the relevant scientist(s). For this purpose a listing of names and addresses including internet identities is provided in the file STAFF.DOC. Enquiries relating to the CD-ROM are to be made to Joop Rommets at NIOZ (rommets@nioz.nl) and all questions related to the electronic updates are to be made to Ulrich Bathmann at AWI (ubathmann@awi-bremerhaven.de).

DATA POLICY

The data contained in the CD-ROM have been produced jointly by the participants of the JGOFS expedition ANT X/6 and the data management staff of the Netherlands Institute for Sea Research (NIOZ). Users of the data are free to process these as deemed useful, provided that in any report or publication arising from such use the source of the data is acknowledged by referring either to the relevant individual research article(s) in this issue of *Deep-Sea Research II* or to:

Rommets, J. W., M. H. C. Stoll, R. X. de Koster, T. F. de Bruin, H. J. W. de Baar, U. V. Bathmann and V. Smetacek (1997) Database of the JGOFS expedition ANT X/6 aboard R. V. *Polarstern*. *Deep-Sea Research II*, **44** (1–2), 517–519.

When in such case the used ANT X/6 data is a substantial part of the report or publication, one is expected to extend the courtesy of informing the respective investigators, or, on their behalf, one of the guest editors (Smetacek, de Baar, Bathmann, Lochte or Rutgers van der Loeff) of this issue or the editor, Rommets, of the CD-ROM. This provides the option of consideration of joint authorship.

The copyright of the database as a whole remains at the Netherlands Institute for Sea Research, a full subsidiary of the Netherlands Organisation for Scientific Research. However third party users are allowed to make a single electronic copy for their own use. Permission for making multiple electronic copies can be requested from J. Rommets or H. de Baar at NIOZ. Upon further advice from Elsevier Science Ltd such permission can be granted by NIOZ.

Acknowledgements—Production of the database and the CD-ROM were supported by the Netherlands Institute for Sea Research and a grant for JGOFS Southern Ocean the Netherlands Committee for Antarctic Research, a subsidiary of the Netherlands Organisation for Scientific Research coordinating Antarctic subsidies by seven government departments. Facilitation of the production of this third CD-ROM by Anne Vindenes Allen, Senior Publishing Editor and Kevin Ruston, Justina Seaman and Catherine Shaw of Elsevier Science Ltd, Oxford is gratefully acknowledged.

REFERENCES

- Bathmann U. V., V. Smetacek, H. J. W. de Baar, E. Fahrbach and G. Krause (1994) The expeditions ANTARKTIS X/6–8 of the Research Vessel *Polarstern* in 1992/1993. *Berichte zur Polarforschung*, **135**, 4–126.